

SEQUENCE LISTING

<110> Mirkin, Chad A.
Letsinger, Robert L.
Mucic, Robert C.
Storhoff, James J.
Elghanian, Robert
Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
AND USES THEREFOR

<130> 00-715-A

<140> 09/760,500

<141> 2001-01-12

<150> 09/603,830

<151> 2000-06-26

<150> 09/344,667

<151> 1999-06-25

<150> 09/240,755

<151> 1999-01-29

<150> PCT/US97/12783

<151> 1997-07-21

<150> 60/031,809

<151> 1996-07-29

<150> 60/200,161

<151> 2000-04-26

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synthetic sequence

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<400> 3
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 aacttgcgct aatggcga 18

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aagttgcgct ttacggctaa tggcga

26

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15

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gaaaagggaa ggaga

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15

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28

<210> 11

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28

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<210> 13
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30

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gcgctagagt cgttt

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agcatgggtcg ataggatggc aactatacgc

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gtcgatagga aacgactcta gcgc

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12

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12

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<210> 22
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23

<210> 26

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tacgagttga gacatcctga atgcg

25

<210> 27

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<212> DNA

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<210> 28

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<223> Description of Artificial Sequence:random
synthetic sequence

<400> 28
taggacttac gc 12

<210> 29
<211> 48
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synthetic sequence

<400> 29
tacgagttga gaccgttaag acgaggcaat catgcaatcc tgaatgcg 48

<210> 30
<211> 24
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synthetic sequence

<400> 30
tgcattgattg cctcgtctta acgg 24

<210> 31
<211> 72
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<220>
<223> Description of Artificial Sequence:random
synthetic sequence

<400> 31
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atcctgaatg cg 72

<210> 32
<211> 48
<212> DNA
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synthetic sequence

<400> 32
gttggtccgta aagcgtccaa tatatgcatg attgcctcgt cttaacgg 48

<210> 33
<211> 12
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<220>
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synthetic sequence

<400> 33
tctcaactcg ta

12

<210> 34
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synthetic sequence

<400> 34
tacgagttga gaatcctgaa tgcg

24

<210> 35
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<212> DNA
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synthetic sequence

<400> 35
cgcattcagg at

12

<210> 36
<211> 141
<212> DNA
<213> anthrax

<400> 36
ggcggatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60
attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgtagaa 120
attgaagata ctgaagggt t 141

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synthetic sequence

<400> 37
taacaataat ccctc 15

<210> 38
<211> 15
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synthetic sequence

<400> 38
atccttatca atatt 15

<210> 39
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synthetic sequence

<400> 39
tgagcctcct taactactga ctcatccgcc 30

<210> 40
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synthetic sequence

<400> 40
tgttgacgaa ttaattactt ctcta 25

<210> 41
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synthetic sequence

<400> 41
tataaccctg gataatattt ttcttat 27

<210> 42
<211> 29
<212> DNA
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synthetic sequence

<400> 42
aagcccttca gtatcttcaa tttctacaa

29

<210> 43
<211> 22
<212> DNA
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synthetic sequence

<400> 43
tctcaactcg taaaaaaaaa aa

22

<210> 44
<211> 24
<212> DNA
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<220>
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synthetic sequence

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tacgagttga gaatcctgaa tgcg

24

<210> 45
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<212> DNA
<213> Artificial Sequence

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synthetic sequence

<400> 45
aaaaaaaaaa cgcattcagg at

22

<210> 46
<211> 22
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<213> Artificial Sequence

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synthetic sequence

<400> 46

tctcaactcg taaaaaaaaa aa

22

<210> 47

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

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aaaaaaaaaa cgcattcagg at

22

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<211> 24

<212> DNA

<213> Artificial Sequence

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tacgagttga gaatcctgaa tgcg

24

<210> 49

<211> 24

<212> DNA

<213> Artificial Sequence

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synthetic sequence

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<210> 50

<211> 12

<212> DNA

<213> Artificial Sequence

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<400> 50
cgcatcagg at

12

<210> 51
<211> 32
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<220>
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synthetic sequence

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aaaaaaaaaa aaaaaaaaaa cgcatcagg at

32

<210> 52
<211> 32
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<213> Artificial Sequence

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synthetic sequence

<400> 52
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32

<210> 53
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synthetic sequence

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atcctgaatg cg

12

<210> 54
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<213> Artificial Sequence

<220>
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synthetic sequence

<400> 54
atcctgaatg cg

12

<210> 55

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
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aaaaaaaaaa aaaaaaaaaa 20

<210> 56
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<400> 56
ggattattgt taattattga taaggat 27

<210> 57
<211> 12
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<210> 58
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<212> DNA
<213> Anthrax

<400> 58
atccttatca atatt 15

<210> 59
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<220>
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synthetic sequence

<400> 59
tctcaactcg ta 12

<210> 60
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synthetic sequence

<400> 60
tacgagttga gaatcctgaa tgcg

24

<210> 61
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<212> DNA
<213> Artificial Sequence

<220>
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synthetic sequence

<400> 61
gcgtaagtcc taacgtacta acggagcaga attgccagag ttgagcat

48

<210> 62
<211> 72
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:random
synthetic sequence

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gcgtaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60
agagttgagc at 72

<210> 63
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synthetic sequence

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tgcatgattg cctcgtctta acgg

24

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synthetic sequence

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48